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Confirmed occurrence of *Arctia ornata* Staudinger, 1896 and *Rhyparia purpurata* (Linnaeus, 1758) in Polar Ural (North-East Europe) (Lepidoptera: Noctuidae, Arctiinae)

A. G. Tatarinov, O. I. Kulakova & S. K. Korb

Abstract

Occurrence of *Arctia ornata* Staudinger, 1896 and *Rhyparia purpurata* (Linnaeus, 1758) in the Polar Ural (North-East Europe) is confirmed by recent records. In this paper we confirm occurrence of two tiger-moths species in Polar Ural.

KEYS WORDS: Lepidoptera, Noctuidae, Arctiinae, *Arctia*, *Rhyparia*, Polar Ural, Europe.

Confirmación de la presencia de *Arctia ornata* Staudinger, 1896 y *Rhyparia purpurata* (Linnaeus, 1758) en Ural Polar (Noreste de Europa) (Lepidoptera: Noctuidae, Arctiinae)

Resumen

Se confirma la presencia de *Arctia ornata* Staudinger, 1896 y *Rhyparia purpurata* (Linnaeus, 1758) en Ural Polar (Nordeste de Europa) por recientes registros. En este trabajo confirmamos la ocurrencia de las dos especies de ártidos en Ural Polar.

PALABRAS CLAVE: Lepidoptera, Noctuidae, Arctiinae, *Arctia*, *Rhyparia*, Ural Polar, Europa.

Arctia ornata Staudinger, 1896 (Figures 1, 5)

Dt. ent. Z. Iris, **9**: 188-190, t. 4, f. 1-2.

Type locality: "Urga (südlich von Kiachta in der Mongolei gelegen)" [Mongolia].

Material: 2 ♂♂, Polar Ural, loc. Krasny Kamen (leg. A. G. Tatarinov); 1 ♀, same locality (leg. Reshetnikov) (Figure 1).

FIBIGER *et al.* (2011: 124) wrote about the distribution of *Arctia ornata* Staudinger, 1896: "The Russian checklist indicates a mark in the 15th range which means the northern Urals, the Nenec area and the Komi autonomous territory. None of the authors have seen European specimen but several species with similar distribution pattern have already been recorded recently from certain north-eastern areas of Europe. Thus, we think it is worth to treat this species, even if within square brackets". DUBATOLOV (2010: 26) indicated for this species the following distribution: "Asian Russia: Middle Enisei, Altai, Sayans, Transbaikalia, Yakutia (excluding polar regions), southern part of Magadan Province; Mongolia". It was recorded from Polar Ural as *Pararctia lapponica* (Thunberg, 1791) (TATARINOV *et al.*, 2003: Photo 23) (misidentification). Our material unambiguously proves the presence of this species in Polar Ural.

Habitat: Wet yernik tundra (Figure 5).

Rhyparia purpurata (Linnaeus, 1758) (Figures 2-4)

Syst. Nat., (Edn. 10) **1**: 505.

Type locality: not stated [Europe]

Material: 1 ♂, 2-VII-2007, Polar Ural, Pagaty lake, 66° 23'N, 62° 46'E, leg. A. G. Tatarinov and O. I. Kulakova.

FIBIGER *et al.* (2011: 96) wrote about distribution of *Rhyparia purpurata* (Linnaeus, 1758): "It is widespread in Europe, absent only from the north-western and northern parts". DUBATOLOV (2010: 36) described the distribution of this species in greater detail: "West Europe north to southern Scandinavia (excluding the North Sea coast, northern France, south part of the Iberian Peninsula and Peloponnese); Baltia; Belarus; Ukraine, Crimea; European Russia north to Karelia, Upper Volga and Vyatka, North Caucasus; Transcaucasia; Asia minor; Syria; northern and eastern Kazakhstan; Kyrghyzstan; Asian Russia north to Khanty-Mansiisk, Tomsk, Krasnoyarsk, Angara river, Baikal Region, Transbaikalia; Mongolia; Far Eastern Russia: Amur basin, South Okhotia (Tugur), Primorye; China (Xinjiang, Jilin, Liaonin, Nei Mongol, Gansu, Heilonjiang); Korea; Japan (Honshu)". *R. purpurata* has never been recorded from North-East Europe, our record is the first for this region (Figure 3).

Habitat. Wet yernik tundra (Figure 4).

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